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Approved through 10/31/2002. OMB 0651-0032 U.S. Patent and Trademark Once; U.S. DEPARTMENT OF COMMERCE Ounder the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number A

UTILITY PATENT APPLICATION **TRANSMITTAL**

Attorney Docket No.		668437600005	
		Shen et al.	
	Computer-Im	plemented Voice	Markup

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Express Mail Label No. EL711877067US

APPLICATION ELEMENTS			ADDRESS TO: Assistant Commissioner for Patents Box Patent Application					
See MPEP chapter 600 concerning utility patent application contents.				Washington, DC 20231				
1. [A] (Submit an original and a	orm (e.g., PTO/SB/17) duplicate for fee processing)	7.	. 🔲	CD-ROM or CD-R in Computer Program			e table or	
2. X Applicant claims small entity status. See 37 CFR 1.27.			Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)					
3. X Specification [Total Pages 29] [greferred arrangement set forth below)			a. Computer Readable Form (CRF)					
Descriptive title of the invention Cross Reference to Related Applications			b. Specification Sequence Listing on:					
	arding Fed sponsored R & D quence listing, a table,		i. CD-ROM or CD-R (2 copies); or					
	rogram listing appendix		с. Г	i i.	ng identity	of ab	ove copies	
- Brief Summary	of the Invention	Г		COMPANYING				
- Brief Descriptio - Detailed Descri	n of the Drawings (<i>if filed</i>)	t	9.	Assignment Paper				
- Claim(s)				37 CFR 3.73(b) St	•		Power of	
- Abstract of the	Disclosure	[1	10	(when there is an				
4. X Drawing(s) (35 U	.S.C. 113) [Total Sheets 12	j [1	11	English Translatio	n Docume	nt <i>(if a</i>		
5. Oath or Declaration	[Total Pages] 1	12. 🗌	Information Disclo Statement (IDS)/P			Copies of IDS Citations	
a. Newly executed (original or copy)			13	Preliminary Amen	dment			
Copy from a prior application (37 CFR 1.63 (d)) b. Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed) 14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized)				,				
i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) 15. Certified Copy of Priority Document(s) (if foreign priority is claimed)				nt(s)				
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/3								
6. Application Data	Sheet. See 37 CFR 1.76].	17. 🗀	or its equivalent. Other:				
18. If a CONTINUING APPLI	CATION, check appropriate box, and s	upply the	requis	ite information below	and in a p	relimii	nary amendment,	
or in an Application Data She								
Continuation	Divisional Continuation-in-part (C	P)		prior application No.:				
Prior application information:	ExaminerONAL APPS only: The entire disclosure of	f the prior		Group Art Unit:				
Box 5b. is considered a part of	the disclosure of the accompanying con relied upon when a portion has been inac	tinuation o	or divis	ional application and i	s hereby ir	corpor	rated by reference.	
	19. CORRESPO				· · · · · · · · · · · · · · · · · · ·			
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Name (Print/Type)	John V. Biernacki		Regis	tration No. (Attorne	y/Agent)	40	,511	
Signature	John V. Burack	u'			Date	Jan	12, 2001	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

PTO/SB/17 (11-00)

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL	AMOUN	Γ OF F	PAYMENT
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(\$) 60

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Co	omplete if Known	
Application Number		
Filing Date		
First Named Inventor	Shen et al.	
Examiner Name		
Group Art Unit		
Attorney Docket No.	668437600005	

METHOD OF PAYMENT	FEE CALCULATION (continued)				
The Commissioner is hereby authorized to charge	3. ADDITIONAL FEES				
indicated fees and credit any overpayments to: Deposit	Large Small				
Account Number		Fee Paid			
Deposit Account	Code (\$) Code (\$) 105 130 205 65 Surcharge - late filing fee or oath				
Name	127 50 227 25 Surcharge - late provisional filing fee or				
Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17	cover sheet				
Applicant claims small entity status.	139 130 139 130 Non-English specification				
See 37 CFR 1.27	147 2,520 147 2,520 For filing a request for ex parte reexamination				
2. Payment Enclosed: Check Credit card Money Other	112 920* 112 920* Requesting publication of SIR prior to Examiner action				
U Order U Owner	113 1,840* 113 1,840* Requesting publication of SIR after Examiner action				
FEE CALCULATION	115 110 215 55 Extension for reply within first month				
1. BASIC FILING FEE	116 390 216 195 Extension for reply within second month				
Large Entity Small Entity Fee Fee Fee Fee Description	117 890 217 445 Extension for reply within third month				
Code (\$) Code (\$) Fee Paid	118 1,390 218 695 Extension for reply within fourth month				
101 710 201 355 Utility filing fee 355 106 320 206 160 Design filing fee	128 1,890 228 945 Extension for reply within fifth month				
t	119 310 219 155 Notice of Appeal				
107 490 207 245 Plant filing fee 108 710 208 355 Reissue filing fee	120 310 220 155 Filing a brief in support of an appeal				
114 150 214 75 Provisional filing fee	121 270 221 135 Request for oral hearing				
·	138 1,510 138 1,510 Petition to institute a public use proceeding				
SUBTOTAL (1) (\$) 355	140 110 240 55 Petition to revive - unavoidable				
2. EXTRA CLAIM FEES	141 1,240 241 620 Petition to revive - unintentional				
Extra Claims below Fee Paid	142 1,240 242 620 Utility issue fee (or reissue)				
Total Claims 48 -20** = 28 x 9 = 252	143 440 243 220 Design issue fee				
Independent 2 - 3** = 0 x 40 = 0	144 600 244 300 Plant issue fee				
Multiple Dependent 0 = 0	122 130 122 130 Petitions to the Commissioner				
	123 50 123 50 Processing fee under 37 CFR 1.17(q)				
Large Entity Small Entity Fee Fee Fee Fee Fee Description	126 180 126 180 Submission of Information Disclosure Stmt				
Code (\$) Code (\$)	581 40 581 40 Recording each patent assignment per				
103 18 203 9 Claims in excess of 20	property (times number of properties)				
102 80 202 40 Independent claims in excess of 3 104 270 204 135 Multiple dependent claim, if not paid	146 710 246 355 Filing a submission after final rejection (37 CFR § 1.129(a))				
109 80 209 40 ** Reissue independent claims over original patent	149 710 249 355 For each additional invention to be examined (37 CFR § 1.129(b))				
110 18 210 9 ** Reissue claims in excess of 20	179 710 279 355 Request for Continued Examination (RCE)				
and over original patent	169 900 169 900 Request for expedited examination of a design application				
SUBTOTAL (2) (\$) 252	Other fee (specify)				
**or number previously paid, if greater; For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3)				

SUBMITTED BY				Complete (ii	applicable)
Name (Print/Type)	John V. Biernagki	Registration No. (Attorney/Agent)	40,511	Telephone	(216) 586-7747
Signature	John V. Bringhi			Date	Jan. 12, 2001